,						
	Application No.	Applicant(s)				
•	09/486,970	FINBERG ET AL.				
Notice of Allowability	Examiner	Art Unit				
	Jeffrey E. Russel	1654				
The MAILING DATE of this communication ap All claims being allowable, PROSECUTION ON THE MERITS I herewith (or previously mailed), a Notice of Allowance (PTOL-8 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	5) or other appropriate commun RIGHTS. This application is sul	ication will be mailed in due cour	se. THIS			
		02 and 11/04/2002, entered.				
 This communication is responsive to the amendments at the allowed claim(s) is/are 2-5,8 and 10. 						
 The allowed claim(s) Israte <u>2-0,0 and verses.</u> The drawings filed on <u>23 May 2000</u> are accepted by the 	Examiner.					
Acknowledgment is made of a claim for foreign priority to	ınder 35 U.S.C. § 119(a)-(d) or (f).				
a) All b) Some* c) None of the:						
1. Certified copies of the priority documents ha	ve been received.					
2 Certified copies of the priority documents ha	ive been received in Application	No				
 Copies of the certified copies of the priority (International Bureau (PCT Rule 17.2(a)). 	documents have been received	in this national stage application	from the			
 * Certified copies not received: 5. ☒ Acknowledgment is made of a claim for domestic priority 	under 35 U.S.C. § 119(e) (to a	provisional application).				
(a) The translation of the foreign language provisional	al application has been received.					
6. Acknowledgment is made of a claim for domestic priority	under 35 U.S.C. §§ 120 and/or	· 121.				
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.						
7. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.						
8. CORRECTED DRAWINGS must be submitted. (a) including changes required by the Notice of Drafts	person's Patent Drawing Review	(PTO-948) attached				
1) hereto or 2) to Paper No	ag correction filed which	has been approved by the Exar	miner.			
 (b) ☐ including changes required by the proposed drawing correction filed, which has been approved by the Examiner. (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No 						
(c) including changes required by the attached Examin	iel's Amendment / Comment of	m and dimed dealers are department				
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.						
9. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.						
Attachm nt(s)						
1 Notice of References Cited (PTO-892) 3 Notice of Draftperson's Patent Drawing Review (PTO-948 5 Information Disclosure Statements (PTO-1449), Paper No 7 Examiner's Comment Regarding Requirement for Deposi of Biological Material	s) 4⊠ Interview b 6⊠ Examine	Informal Patent Application (PTo Summary (PTO-413), Paper No r's Amendment/Comment r's Statement of Reasons for Allo	o. <u>18</u> .			

Application/Control Number: 09/486,970

Art Unit: 1654

EXAMINER'S AMENDMENT

An extension of time under 37 CFR 1.136(a) is required in order to make an examiner's amendment which places this application in condition for allowance. During a telephone conversation conducted on December 5, 2002, Attorney DeAnn F. Smith requested an extension of time for a SECOND MONTH and authorized the Commissioner to charge Deposit Account No. 12-0080 the required fee of \$145.00 for this extension and authorized the following examiner's amendment. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Claim 5 has been amended as follows:

 \mathcal{D}_I

5. (Twice Amended) The method of claim 4, wherein the peptide is mastoparan.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey E. Russel at telephone number (703) 308-3975. The examiner can normally be reached on Monday-Thursday from 8:30 A.M. to 6:00 P.M. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Brenda Brumback can be reached at (703) 306-3220. The fax number for Art Unit 1654 for formal communications is (703) 305-3014; for informal communications such as proposed amendments, the fax number (703) 746-5175 can be used. The telephone number for the Technology Center 1 receptionist is (703) 308-0196.

Jeffrey E. Russel Primary Patent Examiner Art Unit 1654

JRussel December 5, 2002

24

Application/Control Number: 09/486,970

Art Unit: 1654

Version With Markings To Show Changes Made

Claim 5 has been amended as follows:

5. (Twice Amended) The method of claim 4 [8], wherein the peptide is mastoparan [or an analog thereof].



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

NOTICE OF ALLOWANCE AND FEE(S) DUE

959

7590

12/10/2002

LAHIVE & COCKFIELD 28 STATE STREET BOSTON, MA 02109 EXAMINER
RUSSEL, JEFFREY E

ART UNIT

CLASS-SUBCLASS 514-002000

1654

DATE MAILED: 12/10/2002

APP	LICATION NO.	TION NO. FILING DATE FIRST NAMED INVEN		ATTORNEY DOCKET NO.	CONFIRMATION NO.
<u> </u>	09/486,970	05/23/2000	ROBERT W. FINBERG	DFN-025US	8077

TITLE OF INVENTION: USE OF AGENTS WHICH BIND G PROTEINS FOR TREATING SEPTIC SHOCK

Г	APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
_	nonprovisional	NO	\$1280	\$0	\$1280	03/10/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing n applications filed on or after Dec. 12, 1980 may require payment f maintenance fees. It is patentee's responsibility t ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Box ISSUE FEE

Commissioner for Patents Washington, D.C. 20231

(703)746-4000

as or

appropriate. All further cornindicated unless corrected b maintenance fee notification CURRENT CORRESPONDENCE	respondence including the elow or directed otherwis s. EXDUKESS (Note: Legibly mark-	Datent advance orders ar	fying a new co	Note: A certificate	quired). Blocks I through 4 sls will be mailed to the current sess; and/or (b) indicating a separate of mailing can only be used to al. This certificate cannot	rate "FEE ADDRESS" for r domestic mailings of the ne used for any other	
959 75				accompanying pa	pers. Each additional paper, s	uch as an assignment or	
LAHIVE & COC				<i>-</i> ,			
28 STATE STREE BOSTON, MA 021				I hereby certify to United States Post envelope addresse	Certificate of Mailing or Trans that this Fee(s) Transmittal is all Service with sufficient postag to the Box Issue Fee address USPTO, on the date indicated b	being deposited with the ge for first class mail in an above, or being facsimile	
			·			(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE	FIRST	NAMED INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/486,970	05/23/2000	ROBI	ERT W. FINBE	RG	DFN-025US	8077	
TITLE OF INVENTION: U							
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBL	CATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	МО	\$1280		\$0	\$1280	03/10/2003	
EXAMI	VER	ART UNIT	CLASS-SUBCLASS				
RUSSEL, JE	FFREY E	1654	514-002000				
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. The expectation of "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.							
3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)							
Please check the appropriate	assignee category or category	gories (will not be printed o	on the patent)	individual	corporation or other private g	roup entity government	
4a. The following fee(s) are	enclosed:	•	nent of Fee(s):				
☐ Issue Fee	check in the amount of the fee(s) is enclosed.						
G Fublication rec				ment by credit card. Form PTO-2038 is attached.			

☐ The Commissioner is hereby authorized by charge the required fee(s), or credit a Deposit Account Number _______(enclose an extra copy of this form). ☐ Advance Order - # of Copies _ Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. (Authorized Signature) (Date) NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE(S)



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	D. FILING DATE		FILING DATE FIRST NAMED INVENTOR		CONFIRMATION NO.	
09/486,970 05/23/2000		05/23/2000	ROBERT W. FINBERG	DFN-025US	8077	
959	959 7590 12/10/2002			EXAMINER		
LAHIVE & COCKFIELD				RUSSEL, JEFFREY E		
28 STATE STE BOSTON, MA				ART UNIT	PAPER NUMBER	
UNITED STATES				1654		
				DATE MAILED: 12/10/2002		

Determination of Patent Term Extension under 35 U.S.C. 154 (b) (application filed after June 7, 1995 but prior to May 29, 2000)

The patent term extension is 0 days. Any patent to issue from the above identified application will include an indication of the 0 day extension on the front page.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.





United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NO	. FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/486,970	(05/23/2000	ROBERT W. FINBERG	DFN-025US	8077
959	7590	12/10/2002		EXAMIN	ER
LAHIVE & C	COCKFIEI	LD		RUSSEL, JEF	FREY E
28 STATE ST BOSTON, MA				ART UNIT	PAPER NUMBER
UNITED STA				1654	
				DATE MAILED: 12/10/2002	

Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: http://www.uspto.gov/main/howtofees.htm.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



~		T =
,	Application No.	Applicant(s)
Notice of Allowahility	09/486,970	FINBERG ET AL.
Notice of Allowability	Examin r	Art Unit
	Jeffrey E. Russel	1654
The MAILING DATE of this communication appee All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF (the Office or upon petition by the applicant. See 37 CFR 1.313 1. ★ This communication is responsive to the amendments after 2. ★ The allowed claim(s) is/are 2-5.8 and 10. 3. ★ The drawings filed on 23 May 2000 are accepted by the Ext 4. ★ Acknowledgment is made of a claim for foreign priority und a) ★ All ★ b) ★ Some* c) ★ None of the: 1. ★ Certified copies of the priority documents have 2. ★ Certified copies of the priority documents have 3. ★ Copies of the certified copies of the priority documents have 3. ★ Certified copies not received: 4. ★ Acknowledgment is made of a claim for domestic priority und a) ★ Certified copies not received: 5. ★ Acknowledgment is made of a claim for domestic priority und a) ★ The translation of the foreign language provisional a 6. ★ Acknowledgment is made of a claim for domestic priority und Applicant has THREE MONTHS FROM THE *MAILING DATE* of below. Failure to timely comply will result in ABANDONMENT of the proposed drawing of the complex proposed drawing of the co	D9/486,970 Examin r Jeffrey E. Russel Pars on the cover sheet with the co (OR REMAINS) CLOSED in this application is subject to and MPEP 1308. Par final rejection filed 05/08/2002 and Examiner. Per 35 U.S.C. § 119(a)-(d) or (f). Per been received. Per been received in Application No. Cuments have been received in this results of the communication to file a reply contained and a reply	FINBERG ET AL. Art Unit 1654 Direspondence address- plication. If not included will be mailed in due course. THIS withdrawal from issue at the initiative 111/04/2002, entered. Direction of Paper No. 118 Direction of Paper No. 119 Direction of Paper No. 119 Direction of Paper No. 110 Direction of Paper No. 110 Direction of Paper No. 111 Direction of Paper No. 112 Direction of Paper No. 113 Direction of Paper No. 114 Direction of Paper No. 115 Direction of Pape
Attachment(s) 1 Notice of References Cited (PTO-892) 3 Notice of Draftperson's Patent Drawing Review (PTO-948) 5 Information Disclosure Statements (PTO-1449), Paper No 7 Examiner's Comment Regarding Requirement for Deposit of Biological Material	4⊠ Interview Summa 6⊠ Examiner's Amer	al Patent Application (PTO-152) ary (PTO-413), Paper No. <u>18</u> . ndment/Comment ement of Reasons for Allowance

EXAMINER'S AMENDMENT

An extension of time under 37 CFR 1.136(a) is required in order to make an examiner's amendment which places this application in condition for allowance. During a telephone conversation conducted on December 5, 2002, Attorney DeAnn F. Smith requested an extension of time for a SECOND MONTH and authorized the Commissioner to charge Deposit Account No. 12-0080 the required fee of \$145.00 for this extension and authorized the following examiner's amendment. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Claim 5 has been amended as follows:

5. (Twice Amended) The method of claim 4, wherein the peptide is mastoparan.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey E. Russel at telephone number (703) 308-3975. The examiner can normally be reached on Monday-Thursday from 8:30 A.M. to 6:00 P.M. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Brenda Brumback can be reached at (703) 306-3220. The fax number for Art Unit 1654 for formal communications is (703) 305-3014; for informal communications such as proposed amendments, the fax number (703) 746-5175 can be used. The telephone number for the Technology Center 1 receptionist is (703) 308-0196.

Jeffrey E. Russel
Primary Patent Examiner
Art Unit 1654

by 7. Ausel

JRussel December 5, 2002 Art Unit: 1654

Version With Markings To Show Changes Made

Claim 5 has been amended as follows:

5. (Twice Amended) The method of claim 4 [8], wherein the peptide is mastoparan [or an analog thereof].